

FIG. 1 - Prior Art

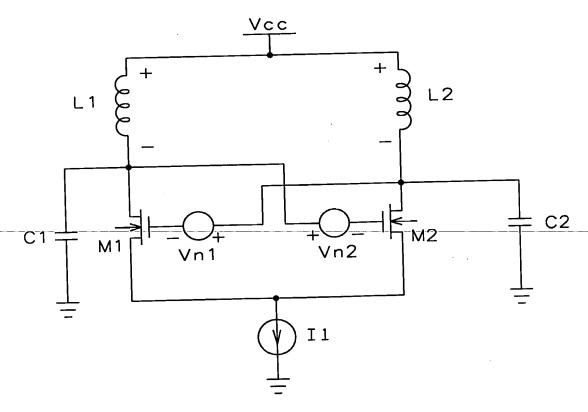


FIG. 2 - Prior Art

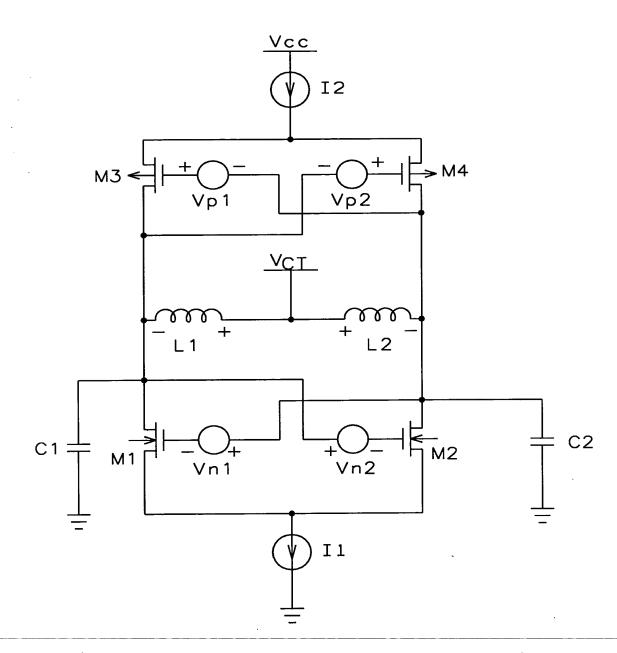


FIG. 3 - Prior Art

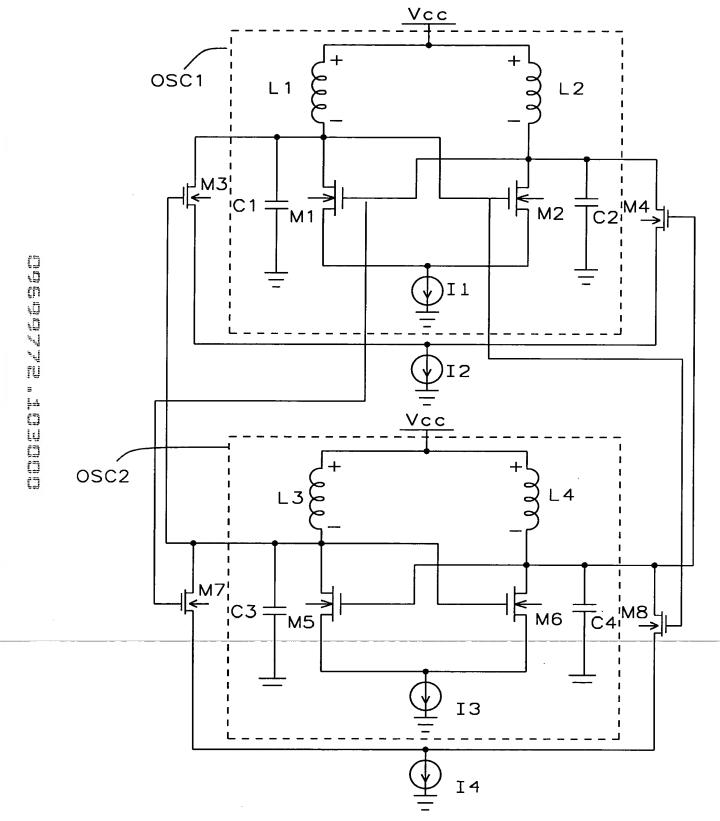
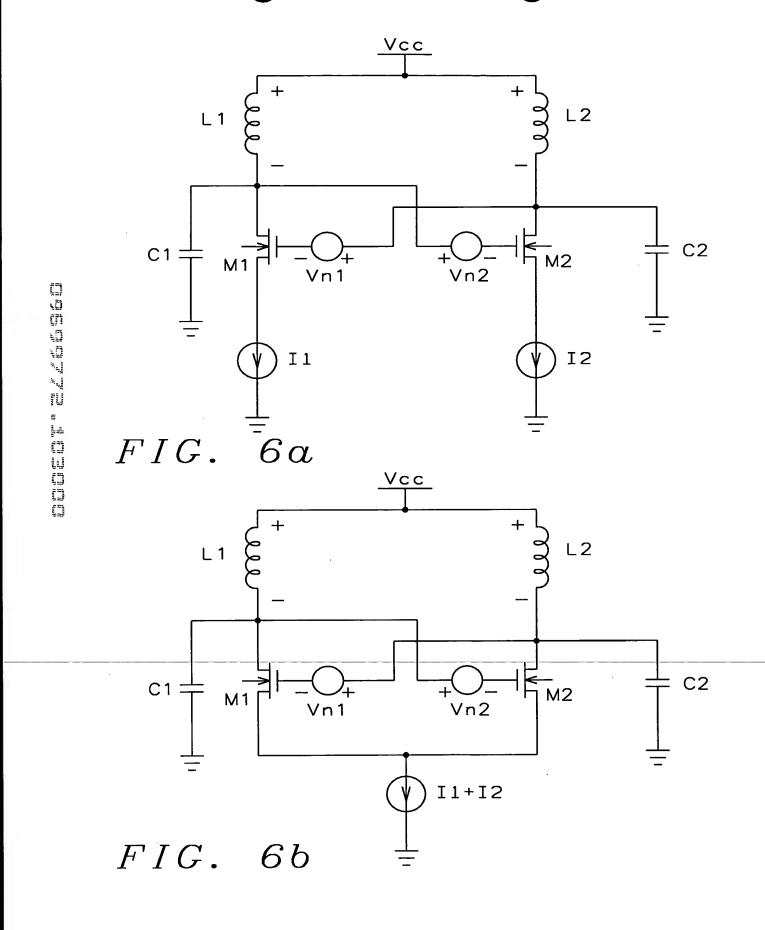


FIG. 4 - Prior Art

Vçc



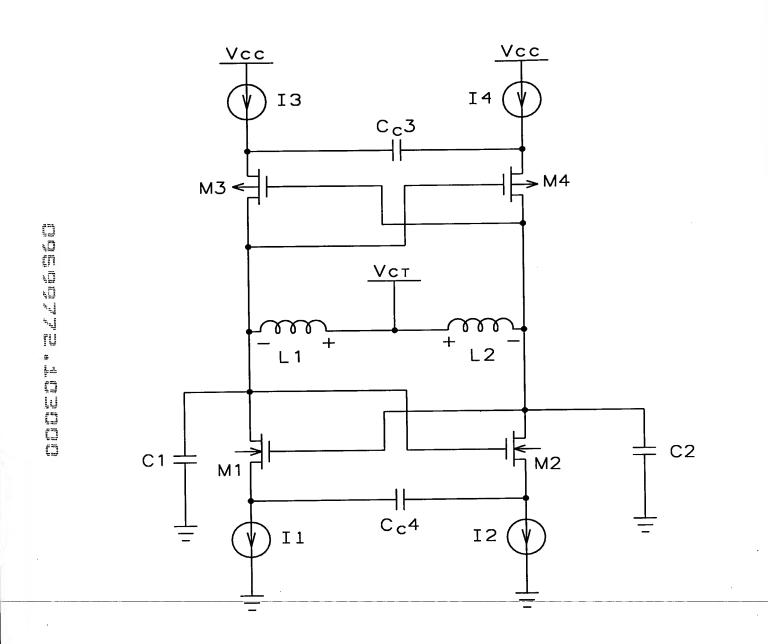


FIG. 7

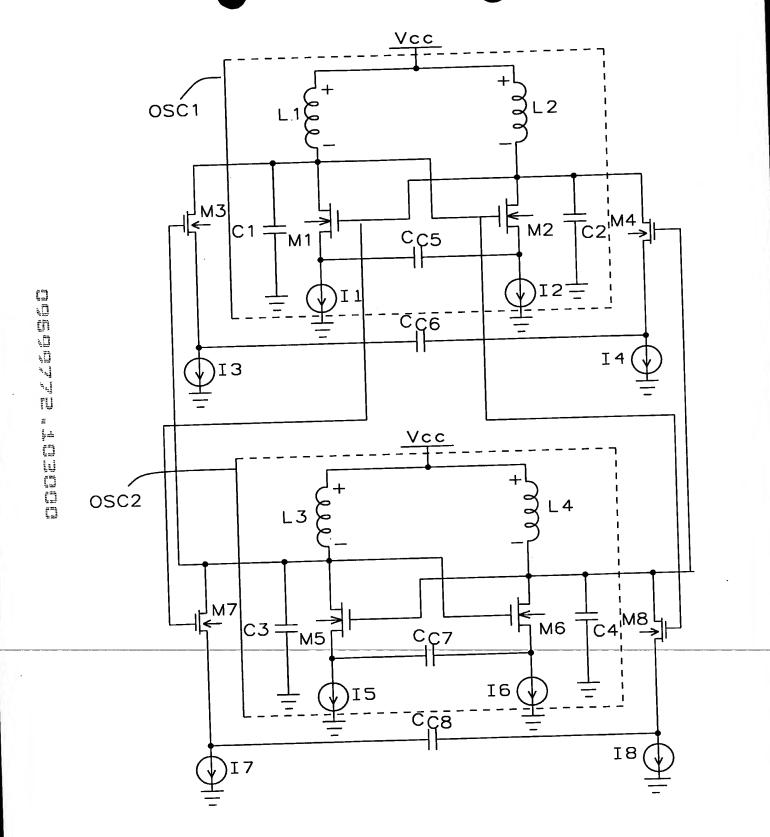


FIG. 8

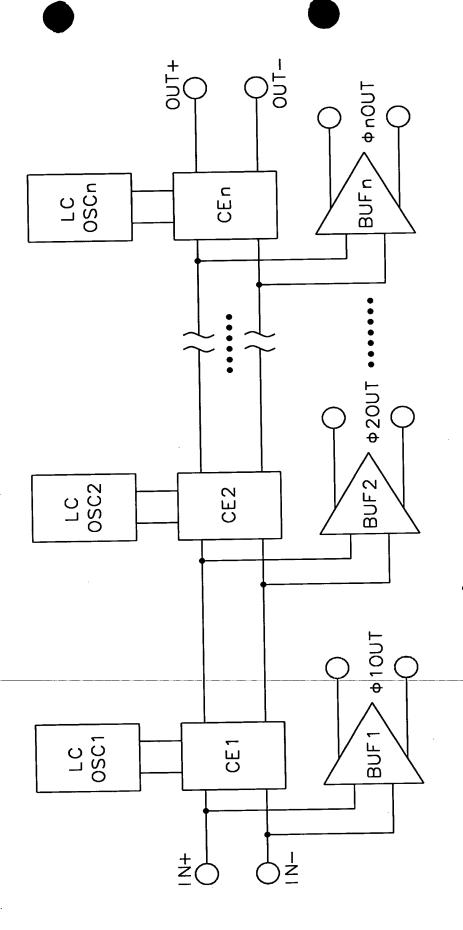
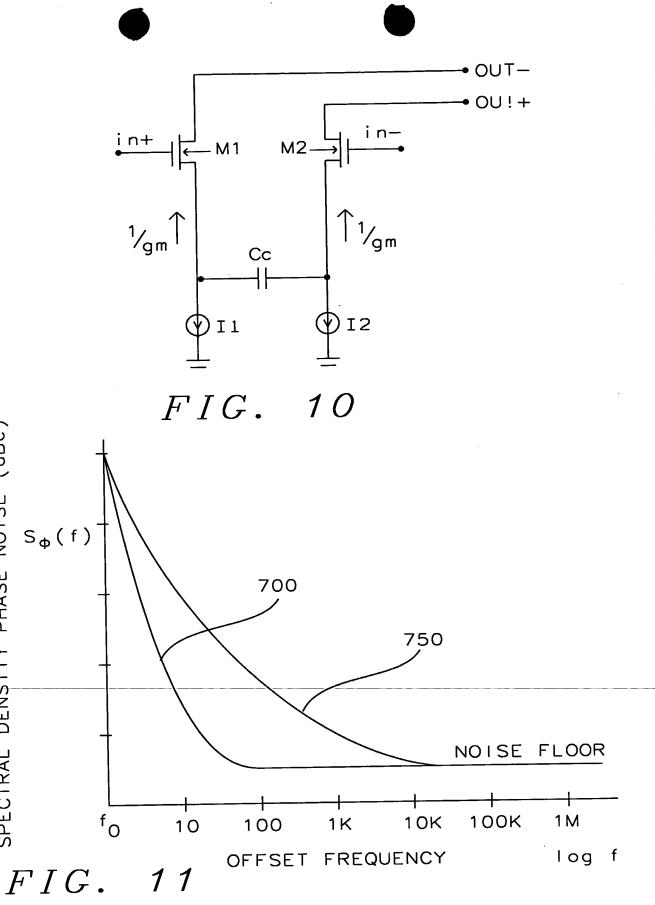


FIG. 9



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SPECTRAL DENSITY PHASE NOISE (dBc)

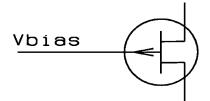


FIG. 12 α

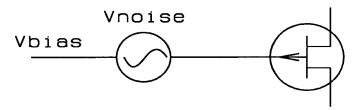


FIG. 12b

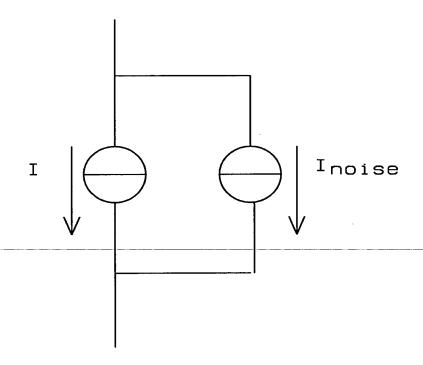


FIG. 12c

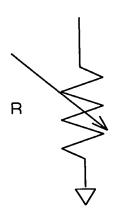
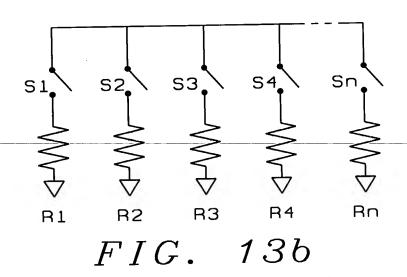
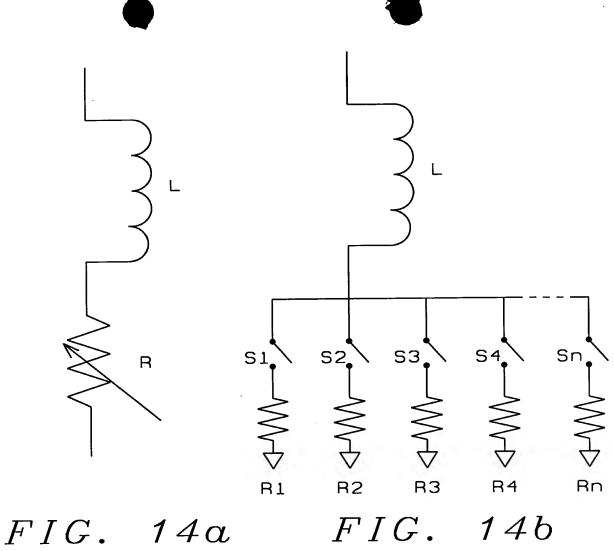


FIG. 13 α





S1 S2 S3 S4 Sn S1 S1 S1 S1 S2 S3 S4 Sn S1 S1 S1 S1 S2 S3 S4 S1 S1 S1 S1 S1 S1 S2 S1 S2 S3 S4 S1 S1 S1 S1 S1 S2 S1 S1 S1 S2 S1 S2 S3 S4 S1 S1 S1 S1 S2 S1 S1 S2 S1 S2 S3 S4 S1 S1 S1 S1 S2 S1 S2 S1 S2 S3 S4 S1 S1 S1 S1 S2 S1 S1 S2 S2 S3 S4 S1 S1 S1 S1 S2 S1 S2 S3 S4 S1 S1 S1 S1 S2 S1 S2 S3 S4 S1 S1 S1 S2 S1 S2 S3 S4 S1 S1 S1 S1 S2 S1 S2 S1 S2 S1 S2 S3 S4 S1 S1 S1 S1 S2 S1 S2 S1 S2 S3 S4 S1 S1 S1 S1 S2 S1 S2 S1 S2 S1 S2 S2 S3 S4 S1 S1 S1 S2 S1 S2 S1 S2 S2 S3 S4 S1 S1 S1 S1 S2 S2 S3 S4 S1 S1 S1 S1 S2 S1 S2 S1 S2 S2 S3 S4 S1 S1 S1 S2 S1 S2 S1 S2 S2 S3 S4 S1 S1 S1 S1 S2 S1 S2 S1 S2 S2 S3 S4 S1 S1 S1 S1 S2 S2 S3 S4 S1 S1 S1 S1 S2 S1 S2 S2 S2 S3 S4 S1 S1 S1 S1 S2 S1 S2 S1 S2 S1 S2 S2 S3 S4 S1 S1 S1 S1 S1 S1 S2 S1 S2 S1 S1 S2 S1 S2 S1 S2 S2 S2 S3 S4 S1 S1 S1 S1 S2 S1 S2 S1 S2 S2 S3 S4 S1 S1 S1 S1 S1 S2 S1 S1 S2 S2 S2 S3 S4 S1 S1 S1 S1 S2 S1 S2 S1 S2 S2 S3 S4 S1 S1 S1 S1 S1 S2 S2 S2 S3 S4 S1 S1 S1 S1 S2 S2 S3 S4 S1 S1 S1 S1 S2 S1 S1 S2 S2 S2 S3 S4 S1